



## Core Wrap / Separator Tapes NEPTAPE® FM200

**Construction:** 0.00092” (23μ) polyester film  
0.00100” (25μ) heat sealable copolymer

**Description:** Medium grade heat sealable separator tape used to separate copper conductors, such as motor lead wires and a variety of other applications. Heat sealable copolymer bonds to PVC, polyethylene, and aluminum.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0020 inches	51 microns	ASTM D374
Yield	82.0 ft <sup>2</sup> /lb 1.02 lbs/mft @ 1" wide	16.8 m <sup>2</sup> /kg 0.60 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	19,000 psi	131 MPa	Calculated
Break Strength	39 lbs/in width	68 N/10mm width	ASTM D882
Elongation at Break	152%	152%	ASTM D882
Dielectric Strength of Film	4.0 kV	4.0 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.26 g/cm <sup>3</sup>	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	210-240°F	100-115°C	NEPTCO TM-008
Splice Type	#4, max. 6/pad or max. 1/1000' for traverse packages		
Standard Pad Put-ups	Core ID - 3" or 6" Pad OD - 12" or 18"		
Standard Traverse Put-ups	3" x 5.75" x 3.5" - narrow slit material 3" x 11" x 3"		

\*ASTM Test Methods are listed for reference only. Actual testing performed according to modified equipment and conditions. Specific test methods available upon request.

The data presented here is intended for product selection purposes only. Typical properties represent data characteristics of the product, but do not necessarily reflect minimum values during normal testing. Specification data can be provided upon request.

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